

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/524592.app.	US-PGPUB; USPAT	AND	ON	2007/10/30 16:00
S2	6200	(web or sheet or film) near3 batter\$3	US-PGPUB; USPAT	AND	ON	2007/10/30 16:47
S3	0	S2 near5 asymmetric	US-PGPUB; USPAT	AND	ON	2007/10/30 16:48
S4	0	S2 near5 asymmetr\$4	US-PGPUB; USPAT	AND	ON	2007/10/30 16:48
S5	0	S2 near10 asymmetr\$4	US-PGPUB; USPAT	AND	ON	2007/10/30 16:48
S6	0	S2 near20 asymmetr\$4	US-PGPUB; USPAT	AND	ON	2007/10/30 16:48
S7	2089	S2 and (cathode or anode)	US-PGPUB; USPAT	AND	ON	2007/10/30 16:49
S8	42	S7 and ((position\$3 or orient \$5) near3 hole)	US-PGPUB; USPAT	AND	ON	2007/10/30 16:50
S9	42	S8 and @ad<="20030813"	US-PGPUB; USPAT	AND	ON	2007/10/30 16:50
S10	28	S8 and @ad<="20030813"	US-PGPUB; USPAT	AND	ON	2007/10/30 16:50
S11	23	S8 and @ad<="20020816"	US-PGPUB; USPAT	AND	ON	2007/10/30 16:51
S12	17	S11 and discharge	US-PGPUB; USPAT	AND	ON	2007/10/30 17:01
S13	0	S11 and (discharge adj film)	US-PGPUB; USPAT	AND	ON	2007/10/30 17:01
S14	26	S2 near3 pattern\$2	US-PGPUB; USPAT	AND	ON	2007/10/30 17:03
S15	21	S14 and @ad<="20030813"	US-PGPUB; USPAT	AND	ON	2007/10/30 17:03
S16	1211	(thin\$2film or thin adj film) near2 batter\$3	US-PGPUB; USPAT	AND	ON	2007/10/30 17:14
S17	1169066	S16 and patterned or pattern	US-PGPUB; USPAT	AND	ON	2007/10/30 17:15
S18	571	S16 and (patterned or pattern)	US-PGPUB; USPAT	AND	ON	2007/10/30 17:15
S19	0	S18 and (positioning adj hole)	US-PGPUB; USPAT	AND	ON	2007/10/30 17:15
S20	274	S18 and (anode or cathode)	US-PGPUB; USPAT	AND	ON	2007/10/30 17:15
S21	183	S20 and @ad<="20030813"	US-PGPUB; USPAT	AND	ON	2007/10/30 17:16
S22	0	S21 and discharge adj film	US-PGPUB; USPAT	AND	ON	2007/10/30 17:20

S23	98	S21 and discharge	US-PGPUB; USPAT	AND	ON	2007/10/30 17:20
S24	77	S23 and (electrochemical or electrochromic)	US-PGPUB; USPAT	AND	ON	2007/10/30 17:22
S25	93	((thin\$2film or thin adj film) near2 batter\$3) near3 produc \$4	US-PGPUB; USPAT	AND	ON	2007/10/30 17:27
S26	74	S25 and @ad<="20030813"	US-PGPUB; USPAT	AND	ON	2007/10/30 17:27
S28	0	S26 and stamp\$3	US-PGPUB; USPAT	AND	ON	2007/10/30 17:31
S31	1	((thin\$2film or thin adj film) near2 batter\$3) near5 intermediate)	US-PGPUB; USPAT	AND	ON	2007/10/30 17:31
S40	3383	perforat\$3 near3 pattern	US-PGPUB; USPAT	AND	ON	2007/10/30 17:47
S41	147	S40 and asymmetric	US-PGPUB; USPAT	AND	ON	2007/10/30 17:47
S42	119	S41 and @ad<="20030813"	US-PGPUB; USPAT	AND	ON	2007/10/30 17:47
S43	1	"6401818".pn.	US-PGPUB; USPAT	AND	ON	2007/10/30 17:59
S44	2	("3626143" or "3419706").pn.	US-PGPUB; USPAT	AND	ON	2007/10/31 07:40
S45	11445	(perforate or perforation or score or scoring) near3 method	US-PGPUB; USPAT	AND	ON	2007/10/31 07:42
S46	714	S45 and batter\$3	US-PGPUB; USPAT	AND	ON	2007/10/31 07:42
S47	2	S45 near5 batter\$3	US-PGPUB; USPAT	AND	ON	2007/10/31 07:43
S48	8	S45 near10 (batter\$3 or electrochemical or electrochromic)	US-PGPUB; USPAT	AND	ON	2007/10/31 07:43
S49	6	S48 not S47	US-PGPUB; USPAT	AND	ON	2007/10/31 07:43
S50	3	(endless adj film) near3 (perforate or perforation or score or scoring)	US-PGPUB; USPAT	AND	ON	2007/10/31 07:51
S51	23	(endless adj (film or web or sheet)) near3 (perforate or perforation or score or scoring)	US-PGPUB; USPAT	AND	ON	2007/10/31 07:54
S52	20	S51 not S50	US-PGPUB; USPAT	AND	ON	2007/10/31 07:54
S53	1	(endless adj (film or web or sheet)) near3 (batter\$3 or electrochemical or electrochromic)	US-PGPUB; USPAT	AND	ON	2007/10/31 07:59

S54	2	(endless adj (film or web or sheet)) near5 (batter\$3 or electrochemical or electrochromic)	US-PGPUB; USPAT	AND	ON	2007/10/31 08:00
S55	1	S54 not S53	US-PGPUB; USPAT	AND	ON	2007/10/31 08:00
S56	2	(endless adj (film or web or sheet)) near10 (batter\$3 or electrochemical or electrochromic)	US-PGPUB; USPAT	AND	ON	2007/10/31 08:00
S57	97	scoring adj paper	US-PGPUB; USPAT	AND	ON	2007/10/31 08:01
S58	4	stamped adj (cathode or anode)	US-PGPUB; USPAT	AND	ON	2007/10/31 08:36
S59	312	(stamped or scor\$3 or perforat\$3) adj (cathode or anode)	US-PGPUB; USPAT	AND	ON	2007/10/31 08:40
S60	269	S59 and @ad<="20030813"	US-PGPUB; USPAT	AND	ON	2007/10/31 08:40
S61	1382	intermediate near3 ((batter\$3 not batter) or electrochemical or electrochromic)	US-PGPUB; USPAT	AND	ON	2007/10/31 08:57
S62	209	intermediate adj ((batter\$3 not batter) or electrochemical or electrochromic)	US-PGPUB; USPAT	AND	ON	2007/10/31 08:57
S63	0	(manufactur\$3 adj method) near3 (perforat\$3 adj ((batter\$3 not batter) or electrochemical or electrochromic))	US-PGPUB; USPAT	AND	ON	2007/10/31 09:01
S64	0	(manufactur\$3 adj method) near5 (perforat\$3 adj ((batter\$3 not batter) or electrochemical or electrochromic))	US-PGPUB; USPAT	AND	ON	2007/10/31 09:01
S65	0	(manufactur\$3 adj method) near10 (perforat\$3 adj ((batter\$3 not batter) or electrochemical or electrochromic))	US-PGPUB; USPAT	AND	ON	2007/10/31 09:01
S66	0	(manufactur\$3 adj method) near20 (perforat\$3 adj ((batter\$3 not batter) or electrochemical or electrochromic))	US-PGPUB; USPAT	AND	ON	2007/10/31 09:01
S67	0	(manufactur\$3 adj method) near20 ((perforat\$3 or scor\$3 or pre\$2cut or precut or (pre adj cut)) adj ((batter\$3 not batter) or electrochemical or electrochromic))	US-PGPUB; USPAT	AND	ON	2007/10/31 09:02

S68	2	(manufactur\$3 near3 method) near20 ((perforat\$3 or scor\$3 or pre\$2cut or precut or (pre adj cut)) near3 ((batter\$3 not batter) or electrochemical or electrochromic))	US-PGPUB; USPAT	AND	ON	2007/10/31 09:03
S69	1	"5537905".pn.	US-PGPUB; USPAT	AND	ON	2007/10/31 09:51
S75	0	ep000781634-a.app.	EPO	AND	ON	2007/10/31 09:58
S76	0	ep000781634-a.pn.	EPO	AND	ON	2007/10/31 09:58
S77	0	"0781634".pn.	EPO	AND	ON	2007/10/31 09:59
S80	13	"toilet paper" near3 perforations	US-PGPUB; USPAT	AND	ON	2007/10/31 10:43
S81	153	square near3 (diecut\$3 or (die adj cut\$3) or die\$2cut \$3)	US-PGPUB; USPAT	AND	ON	2007/10/31 10:52
S82	9	S81 and anode	US-PGPUB; USPAT	AND	ON	2007/10/31 10:52
S83	4	("3552251"   "3871257"   "3898900"   "5284304").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/10/31 10:59
S84	13	toilet adj paper near3 perforations	US-PGPUB; USPAT	AND	ON	2007/10/31 11:06
S85	64	toilet adj paper near3 (perforation or cut\$3 or scor \$3)	US-PGPUB; USPAT	AND	ON	2007/10/31 11:07
S86	51	S85 not S84	US-PGPUB; USPAT	AND	ON	2007/10/31 11:07
S87	36	S86 and @ad<="20030813"	US-PGPUB; USPAT	AND	ON	2007/10/31 11:07
S88	21044	diecut or die\$2cut or die adj cut	US-PGPUB; USPAT	AND	ON	2007/10/31 11:32
S89	0	S88 and @ad<="19500101"	US-PGPUB; USPAT	AND	ON	2007/10/31 11:32
S90	5	S88 and @pd<="19500101"	US-PGPUB; USPAT	AND	ON	2007/10/31 11:33
S91	1	"6294111".pn.	US-PGPUB; USPAT	AND	ON	2007/11/01 10:52
S92	1	S91 and "die cutting"	US-PGPUB; USPAT	AND	ON	2007/11/01 10:54
S93	1	wo-9814825-\$.did.	DERWENT	AND	ON	2007/11/01 11:09
S94	1	1998-240262.NRAN.	DERWENT	AND	ON	2007/11/01 11:09

S95	17	("4116535"   "4188095"   "4374001"   "4522888"   "5054894"   "5056899"   "5059895"   "5074648"   "5078480"   "5080470"   "5082355"   "5141622"   "5227223"   "5418086"   "5500759"   "5654640"   "5672440").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/11/01 11:10
S96	2	S95 and "die cutting"	US-PGPUB; USPAT; USOCR	AND	ON	2007/11/01 11:11
S97	0	S95 and die adj cut\$3	US-PGPUB; USPAT; USOCR	AND	ON	2007/11/01 11:11
S98	0	S95 and (die adj cut\$3)	US-PGPUB; USPAT; USOCR	AND	ON	2007/11/01 11:11
S99	2	S95 and (die adj cut\$4)	US-PGPUB; USPAT; USOCR	AND	ON	2007/11/01 11:12
S100	2	("6444366" or "6740351"). pn.	US-PGPUB; USPAT; USOCR	AND	ON	2007/11/01 11:19
S101	8	("3616039"   "4531281"   "4603467"   "5172461"   "5621607"   "5922168"   "5922215"   "5930108").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/11/01 11:20
S102	1	"5836226".pn.	US-PGPUB; USPAT	AND	ON	2007/11/01 11:31
S103	1	"5117721".pn.	US-PGPUB; USPAT	AND	ON	2007/11/01 14:58
S104	556	perforation near2 blade	US-PGPUB; USPAT	AND	ON	2007/11/01 15:00
S105	3	(perforation near2 blade).ti.	US-PGPUB; USPAT	AND	ON	2007/11/01 15:14
S106	4	(perforation and blade).ti.	US-PGPUB; USPAT	AND	ON	2007/11/01 15:14
S107	653	(perforation).ti.	US-PGPUB; USPAT	AND	ON	2007/11/01 15:14
S108	3	(perforation and design).ti.	US-PGPUB; USPAT	AND	ON	2007/11/01 15:14
S109	1	"4951967".pn.	US-PGPUB; USPAT	AND	ON	2007/11/01 15:16
S110	1	"2775448".pn.	US-PGPUB; USPAT	AND	ON	2007/11/01 15:23
S111	4197	"battery electrodes"	US-PGPUB; USPAT	AND	ON	2007/11/01 17:23
S112	660	S111 and grid	US-PGPUB; USPAT	AND	ON	2007/11/01 17:23
S113	178	S112 and tab	US-PGPUB; USPAT	AND	ON	2007/11/01 17:23
S114	52	S111 and (grid near3 tab)	US-PGPUB; USPAT	AND	ON	2007/11/01 17:26

S115	53007	("battery electrodes" or plate or grid) near5 (tab or connector)	US-PGPUB; USPAT	AND	ON	2007/11/01 17:28
S116	464	29/2.ccls.	US-PGPUB; USPAT	AND	ON	2007/11/05 09:06
S117	383	29/2.ccls.	USPAT	AND	ON	2007/11/05 09:06
S118	1	"5669754".pn.	USPAT	AND	ON	2007/11/05 09:11
S119	6	(asymmetry or asymmetric or asymmetrical) near5 "electrode design"	USPAT	AND	ON	2007/11/05 09:13
S120	1684	(asymmetry or asymmetric or asymmetrical) near5 electrode	USPAT	AND	ON	2007/11/05 09:18
S121	1	S120 and 429/211.ccls.	USPAT	AND	ON	2007/11/05 09:19
S122	4	S120 and 429/233.ccls.	USPAT	AND	ON	2007/11/05 09:21
S123	2	S120 and 29/623.3.ccls.	USPAT	AND	ON	2007/11/05 09:25
S124	2	S120 and 29/623.3.ccls.	US-PGPUB; USPAT	AND	ON	2007/11/05 09:25
S125	569	stamp\$3 near3 electrode	US-PGPUB; USPAT	AND	ON	2007/11/05 09:27
S126	2	S125 and 29/623.3.ccls.	US-PGPUB; USPAT	AND	ON	2007/11/05 09:28
S127	424	S125 and @ad<="20030813"	US-PGPUB; USPAT	AND	ON	2007/11/05 09:29
S128	1	"5460904".pn.	US-PGPUB; USPAT	AND	ON	2007/11/05 09:42
S129	16	("3501099"   "3589345"   "4460842"   "4471256"   "4499566"   "4523121"   "4695034"   "4752712"   "4885498").PN. OR ("5055734").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/11/05 10:10
S130	101	S127 and (electrochromic or electrochemical)	US-PGPUB; USPAT	AND	ON	2007/11/05 11:22
S131	29	(transducer or actuator) near3 (positioning adj hole)	US-PGPUB; USPAT	AND	ON	2007/11/05 12:55
S132	0	"0781634".pn.	EPO	OR	ON	2008/07/31 13:38
S133	1	"781634".pn.	EPO	OR	ON	2008/07/31 13:38
S134	16	("3501099"   "3589345"   "4460842"   "4471256"   "4499566"   "4523121"   "4695034"   "4752712"   "4885498").PN. OR ("5055734").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 12:35

S135	31	310/368.cor.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 12:42
S136	383	(310/365-366).cor.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 12:44
S137	230	S136 and (rectang\$5 or square)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 12:44
S138	1	"60103685".pn.	JPO	OR	ON	2009/02/03 12:49
S139	70	S136 and ((square) with (piezoelectric or electrode))	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 12:52
S140	57	S136 and ((square) with (element or electrode))	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 12:54
S141	30	S140 and @ad<"20030813"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 12:59
S142	2	"3501099".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 15:58
S143	23868	bus adj bar	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 16:00
S144	3086	(bus adj bar) with electrode	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 16:00
S145	518	S144 and piezoelectric	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 16:00
S146	159	((bus adj bar) with electrode) same stack\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 16:02
S147	10	S146 and piezoelectric	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 16:02

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